

Haining Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

1,380
citations

10
h-index

10
g-index

10
ext. papers

1,571
ext. citations

7.1
avg. IF

4.7
L-index

#	Paper	IF	Citations
10	Radiative lifetimes of excitons and trions in monolayers of the metal dichalcogenide MoS ₂ . <i>Physical Review B</i> , 2016 , 93,	3.3	120
9	Radiative and nonradiative exciton energy transfer in monolayers of two-dimensional group-VI transition metal dichalcogenides. <i>Physical Review B</i> , 2016 , 93,	3.3	10
8	Ultrafast response of monolayer molybdenum disulfide photodetectors. <i>Nature Communications</i> , 2015 , 6, 8831	17.4	105
7	Surface Recombination Limited Lifetimes of Photoexcited Carriers in Few-Layer Transition Metal Dichalcogenide MoS ₂ <i>Nano Letters</i> , 2015 , 15, 8204-10	11.5	106
6	Fast exciton annihilation by capture of electrons or holes by defects via Auger scattering in monolayer metal dichalcogenides. <i>Physical Review B</i> , 2015 , 91,	3.3	53
5	Ultrafast dynamics of defect-assisted electron-hole recombination in monolayer MoS ₂ . <i>Nano Letters</i> , 2015 , 15, 339-45	11.5	411
4	Absorption of light by excitons and trions in monolayers of metal dichalcogenide MoS ₂ : Experiments and theory. <i>Physical Review B</i> , 2014 , 89,	3.3	192
3	Very slow cooling dynamics of photoexcited carriers in graphene observed by optical-pump terahertz-probe spectroscopy. <i>Nano Letters</i> , 2011 , 11, 4902-6	11.5	142
2	Ultrafast carrier recombination and generation rates for plasmon emission and absorption in graphene. <i>Physical Review B</i> , 2011 , 84,	3.3	39
1	Ultrafast relaxation dynamics of hot optical phonons in graphene. <i>Applied Physics Letters</i> , 2010 , 96, 081904	3.7	202